

10/593866

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Akihiro MORIKAWA et al. : **Mail Stop: PCT**  
Serial No. NEW : Attorney Docket No. 2006\_1587A  
Filed September 22, 2006 :  
OPTICAL ELEMENT AND METHOD FOR :  
FORMING DOMAIN INVERSION :  
REGIONS :  
[Corresponding to PCT/JP2005/004520  
Filed March 15, 2005]

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application  
PCT/\_\_\_\_\_; and/or
- ☐ each reference previously cited in prior parent application Serial No.  
\_\_\_\_\_.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the  
above-entitled application, **or**

ATTACHMENT D

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /HS/

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

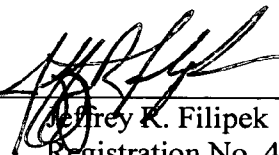
b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☐ a foreign patent office search report (in the English language) submitted herewith,
  - c. ☐ the concise explanation contained in the specification of the present application at page,
  - d. ☒ the concise explanation set forth in the attached English language abstract,
  - e. ☒ the concise explanation set forth below or on a separate sheet attached to the reference:
- JP 2003-307758 corresponds to US 6,900,928  
JP 6-242478 corresponds to US 5,568,308  
JP 9-218431 corresponds to US 5,838,486
5. ☐ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Akihiro MORIKAWA et al.

By



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September 22, 2006

Sheet 1 of 1

INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: September 22, 2006

ATTY DOCKET NO.  
2006\_1587A

SERIAL NO.  
NEW 10/593866

APPLICANT  
Akihiro MORIKAWA et al.

FILING DATE  
September 22, 2006

10593866 GROUP GAU: 2874

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,900,928	5-31-05	Lin et al.			
	AB	5,568,308	10-22-96	Harada			
	AC	5,838,486	11-17-98	Sonoda et al.			
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AG	3-121428	5-23-91	Japan			abstract
	AH	4-19719	1-23-92	Japan			abstract
	AI	2001-66652	3-16-01	Japan			abstract
	AJ	2000-147584	5-26-00	Japan			abstract
	AK	2003-307758	10-31-03	Japan			abstract
	AL	6-242478	9-2-94	Japan			abstract
	AM	7-281224	10-27-95	Japan			abstract
	AN	9-218431	8-19-97	Japan			abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	
	AP	
	AQ	

EXAMINER /Hemang Sanghavi/

DATE CONSIDERED 03/30/2008

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /HS/